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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 28th March 1964

SPECIAL NOTICE

It is notified for general information of the public that with effect from 1st April 1964, the abbreviated telegraphic address of the Patent Office will be changed from "PATENTS" to "PATENTS (P)".

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

7th March 1964

92655. Algemene Kunstzijde Unie N. V. Apparatus for the winding of roller-driven cross-wound bobbins.

92656. The English Electric Company Limited. Electrical semi-conductor devices. (15th March 1963).

92657. Imperial Chemical Industries Limited. Electrical device. (13th March 1963).

92658. Vacuum Industrial Applications Limited. Improvements in or relating to the degassing of metals.

92659. Triatex AG. Process for improving the wash-and wear-characteristics of cellulose materials.

92660. Klockner-Humboldt-Deutz Aktiengesellschaft. Improvements in or relating to agitator type flotation cell. (5th February 1964). [Addition to No. 90570].

92661. J. L. Jeanneret. Apparatus for the speedy positioning of multiple tools on the transverse carriage of a lathe.

92662. J. L. Jeanneret. Tool-carrying holder.

92663. The Norwich Pharmacal Company. Improvements in or relating to derivatives of nitro-furan.

92664. Babcock & Wilcox Limited. Improvements in or relating to forced flow tubulous boilers. (8th March 1963).

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92665. United States Steel Corporation. Connector with severable elements for continuous-casting starter-bar sections.

92666. Burmah-Shell Oil Storage & Distributing Co. of India, Ltd. Improvements in or relating to alloys and especially to soldering alloys.

92667. Ossakki Aktiengesellschaft. Improvements relating to conveying equipment.

92668. Imperial Metal Industries (Kynock) Limited and Marston Excelsior Limited. Anodes and electrolytic cells having such anodes. (11th March 1963).

92669. Sperry Rand Corporation. Interconnecting device.

92670. The Garrett Corporation. Control system for a turbosupercharger.

92671. W. R. Grace & Co. Composition and process. (14th March 1963).

92672. W. R. Grace & Co. Product and process. (27th March 1963).

92673. Associated Electrical Industries Limited. Improved circuit arrangement for the control of main and auxiliary motors such as used for gantry type cranes.

92674. Ciba Limited. Container for medicaments.

92675. Ciba Limited. New disazo dyestuffs and process for their manufacture and use.

92676. Inbega A. G. Improvements in or relating to alloy steels.

92677. Colodense Limited. Improvements in or relating to draw-string bags.

92678. Gullick Limited. Improvements in or relating to mine roof and like supports.

92679. Amsted Industries Incorporated. Transition coupling means.

92680. Molins Machine Company Limited. Apparatus for conveying a mass of cigarettes from one level to a higher level. (14th March 1963).

92681. Aktiebolaget Svenska Flaktfabriken. An arrangement for varying the air quantity in an air distributing chamber.

92682. Water-insoluble monoazo dyestuffs and process for their manufacture.

92683. T. G. Jungersen and T. G. Jungersen, Jr. Parachute automatic release for personnel.

92684. N. V. Philips Gloeilampenfabrieken. Live attenuated measles virus vaccine.

92685. American Potash & Chemical Corporation. Process for preparing an alkaline boron complex. [Divisional date 21st June 1962].

92686. American Potash & Chemical Corporation. Process for recovery of boron values from alkaline liquors containing boron ions. [Divisional date 21st June 1962].

92687. American Cyanamid Company. Pregnadienes.

92688. Hitachi Ltd. Current transformers.

92689. Magnesium Elektron Limited. Methods of and means for controlling the temperature of furnaces. (15th March 1963).

92690. B. Sinha. A (an electrical) power stepping-up circuit.

92691. G. R. Thakre. Improved air circulator.

10th March 1964

92692. Chinoim Gyogyszer-es Vegyeszeti Termek Gyara RT. Process for the preparation of oxadiazole derivatives.

92693. Telefunken Patentverwertungsgellschaft m.b.H. A circuit arrangement for signalling faults in gas pressure monitoring installations for telecommunication cables with continuous gas replenishment.

92694. J. R. Aboowalla. Snuff inhaler.

92695. Allied Chemical Corporation. Process for converting mixtures of 2, 4- and 2, 6-toluene diisocyanates to mixtures of different isomer ratio.

92696. Eaton Axles Limited. Improvements in or relating to gear shifting mechanism. (14th March 1963).

92697. Rohm & Haas Company. Phosphorus compounds.

92698. H. F. Laverriere. Expansible link chain and connectors.

92699. Sperry Rand Corporation. Parametric devices.

92700. Imperial Chemical Industries Limited. Brushing compositions. (15th March 1963).

92701. The Goodyear Tire & Rubber Company. Improvements in method of making a composite elastic structure and the product thereof.

92702. Houilleres Du Bassin Du Nord & Du Pas-De Calais, Commissariat A L'Energie Atomique, Compagnie De Construction Mecanique-Procedes Sulzer and L'Air Liquide, Societe Anonyme pour l'Etude Et l'Exploitation des Procedes Georges Claude. Ammonia-hydrogen isotopic exchange process.

92703. Rohm & Haas Company. Improvements in or relating to a process for the preparation of polycarbamides. [Divisional date 21st July 1962].

92704. Pacific Industrial Manufacturing Company. Control means for series connected cylinder drive assemblies.

92705. Goodrich-Gulf Chemicals, Inc. Fluid processes useful in precipitation of dissolved solids.

92706. Kapur & Company. Rule die set and method of making same. [Divisional date 10th May 1963].

92707. V. D. O. Tachometer Werke Adolf Schindling GmbH. Electric revolution counter.

92708. Didier-Werke A. G. A new type of coking or carbonising oven.

92709. P. C. Jain, C. M. Jain, A. K. Jain and D. K. Jain. Yardage counter meter.

92710. Fairbanks, Morse & Co. Indicator mechanism.

92711. Radio Corporation of America. Improved ferroelectric device, and/or piezoelectric device; and method for the manufacture of same.

92712. Eadie Bros. & Company Limited. Improvements in or relating to the travellers of textile ring frames. (22nd March 1963).

92713. Union Carbide Corporation. Demineralization of water. (11th March 1963).

92714. Union Carbide Corporation. Emulsion polymerization.

92715. The International Nickel Company (Mond) Limited. Deposition of palladium.

92716. Ciba Limited. Manufacture of new active substances. [Addition to No. 79823].

92717. N. H. Taylor. An improved machine for burning black cotton or similar clay soils.

92718. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to centrifugal pumps adapted to pump boiling liquids.

92719. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices employing two gas and/or vapour discharge tubes.

92720. Automation Industries, Inc. Ultrasonic inspection.

11th March 1964

92721. Council of Scientific and Industrial Research. Improvements in or relating to a new depolariser mix for use in a alkaline primary cells.

92722. Dr. S. M. Atlas. Ethylenic copolymers and terpolymers.

92723. Dr. A. Szegvari. Agitator and its use. (11th March 1963).

92724. Institut De Recherches De La Siderurgie Francaise. Improvements in and relating to blast-conditioning devices for blast furnaces and the like.

92725. Svenska Aktiebolaget Bromsregulator. A hand brake rigging for a railway vehicle.

92726. The English Electric Company Limited. Improvements relating to electrical switchgear.

92727. The Firestone Tire & Rubber Company. Molding apparatus.

92728. British Nylon Spinners Limited. Improvements in or relating to the distribution of viscous liquid substances in pipes. (22nd March 1963).

92729. Clayton Dewandre Company Limited. Improvements in or relating to fluid pressure-operated braking apparatus. (22nd March 1963).

92730. Doulton & Co. Limited. Improvements in or relating to moulding ceramic material. (21st March 1963).

92731. E. Merck Aktiengesellschaft. Cholesterol derivatives and preparation thereof.

92732. Elitex, Sdruzeni podniku textilniho strojrenstvi. Method and device for stripping yarn from bobbins.

92733. Vsesojuzny Nauchno-Issledovatelsky Institute Novykh Stroitelnykh materialov. Stone-cutting machine.

92734. Ramani Ranjan Datta. Mathematical instrument for directly designing rectangular or T-section reinforced concrete beams.

92735. K. Caspar. Process and device to measure and regulate the solid products of a dense suspension in the float and sink washing.

92736. Kaiser Aluminium & Chemical Corporation. Refractory products and methods.

92737. The Carborundum Company. Flexible abrasive coated cloth.

92738. R. J. Geary. Plant growth regulant.

92739. Consolidated Laboratories, Inc. Test method for assessing ovulatory function.

92740. Colab Laboratories, Inc. Test material for determination of ovulatory function.

92741. Colab Laboratories, Inc. Diagnostic test material for determination of ovulatory function.

12th March 1964

92742. Allmanna Svenska Elektriska Aktiebolaget. Rotating electrical machine, preferably high power machine.

92743. Allmanna Svenska Elektriska Aktiebolaget. Method of manufacturing an armature winding system for a multi-phase, electrical, rotating high power machine and armature winding system manufactured according to the method.

92744. Allmanna Svenska Elektriska Aktiebolaget. Rotating electric high power machine with superconducting stator.

92745. Allmanna Svenska Elektriska Aktiebolaget. Multi-phase high voltage synchronous machine.

92746. Allmanna Svenska Elektriska Aktiebolaget. Multi-phase rotating electrical high power machine.

92747. Allmanna Svenska Elektriska Aktiebolaget. Means for power transmission at electric machines.

92748. Allmanna Svenska Elektriska Aktiebolaget. Rotor cooling system for external pole machine.

92749. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for obtaining olefins and/or carbon monoxide absorption and desorption.
92750. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to aircushion borne vehicles. (24th April 1963).
92751. M. Y. Cheung. An improved air cooler and/or refrigerator.
92752. A. C. Srivastava. Call bell.
92753. R. Singh. Electric clocks.
92754. G. R. Thakre. Improved air cooler.
92755. V. Kumar and R. Chander. Water meter.

13th March 1964

92756. Tulsasingh & Sons and also Tulsa Industries. Improvements in or relating to thrashing machines.
92757. Council of Scientific and Industrial Research. Improvements in or relating to the treatment of cellulosic materials to render them root-proof and/or waterproof.
92758. Council of Scientific and Industrial Research. Improvements in or relating to the treatment of cellulosic materials to render them resistant to micro-organisms.
92759. J. R. Geigy A. G. Heterocyclic dyestuff intermediates. (16th March 1963).
92760. Snia Viscosa Societa' Nizionale Industria Applicazioni Viscosa S.p.A. Improvements to the melt spinning process of polyamides.
92761. S. Smith & Sons. (England) Limited. Improvements in or relating to warning apparatus.
92762. Imperial Chemical Industries Limited. Polymerisation process. (18th March 1963).
92763. Imperial Chemical Industries Limited. Pharmaceutical compositions. (20th March 1963).
92764. Westland Aircraft Limited. Improvements in or relating to flexible skirts for ground effect vehicles. (14th March 1963).
92765. Dalmine S.P.A., Dott Ing. A. Carli and Ing. W. P. Kollakowski. Improvements in or relating to igneous extraction plants of metals from their ores and to remelting plants of same metals for foundry use and further treatment thereof.
92766. Societe Fives Lille-Cail. Method and apparatus for the exchange of heat between solid and liquid materials.
92767. V. Ketchum. Timber shear plate.
92768. The British Petroleum Company Limited. Polymeric lubricating oil additives. (29th March 1963).
92769. AB Tetra Pak. Method of improving the flavour qualities of milk reconstituted from oxidized milk powder.
92770. Sobef Societe De Brevets De Fermeture Coire S. A. Method and apparatus for producing fastener.
92771. K. Storz. Apparatus for illuminating operating areas.
92772. R. D. Smith. Safety devices combination for aircraft.

Alteration of date

86392. The claim to priority date 13th November 1962 has been disallowed and the application dated as of 6th February 1963, the date of filing in India.
91782. Ante-dated to 7th November 1962 under Section 5 of the Act.
91817. Ante-dated to 12th June 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice

to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

82617. The Director, Indian Agricultural Research Institute, New Delhi. Improved persian wheel buckets and carrier link. Accepted on 6th March 1964.

Characterized in that, for mounting the buckets to the chain there is or are provided a bobbin shaped tubular spool or spools through the wall of the bucket a mounting pin or rod to pass through the tubular spool and the chain and locking means for locking the pin or rod in position after mounting the bucket to the chain.

82743. K. M. Groetschel. An advancing extensible and retractable supporting element for roofs and the like. Accepted on 11th March 1964.

Characterised in that the pressure chamber of the pressure medium cylinder is connected to the pressure chamber of the advancing hydraulic cylinder.

82782. Denco AG. Improvements in or relating to let-off mechanisms for looms. Accepted on 12th March 1964.

Comprises an input rotary shaft for let off with a worm gear, clutch means adjustably resilient means, a yoke on a support bracket means and engageable with clutch means and means interconnecting pattern control means and actuator means.

82783. Denco AG. Builder motion for actuating a winding traverse in spinning and twisting machines. Accepted on 12th March 1964.

Comprises a cycling cam with its angular oscillation and selective indexing rotation means and slide means for rectilinear following motion.

82822. Council of Scientific and Industrial Research. A process for the manufacture of high alpha cellulose dissolving grade pulps by alkaline pulping methods. Accepted on 9th March 1964.

Characterised in that digestion is carried in two stages, (i) alkaline cooking with alkaline liquor in the range of 30 to 100 grms. per litre at 100°C to 180°C until pentosan removal is reduced, and (ii) cooked chips again cooked with alkali in the range of 30 to 125 gms. per litre at 140°C to 180°C until pentosan content is about 2 to 5%.

82827. O. Firing. Improvements in or relating to a narrow fabric loom. Accepted on 10th March 1964.

The west laying needle is fixed to a mounting suspended in the loom for continuous reproduction of each of two different harmonic oscillations applied to the mounting.

82877. Fabriques De Produits Chimiques De Thann Et De Mulhouse. Process for continuously removing hot gases containing titanium dioxide and apparatus for carrying out the same. Accepted on 9th March 1964.

The hot burned gases containing TiO₂ are evacuated by means of one or more cooled tubes collecting them close to central parts of the combustion chamber and far from its hot walls.

83001. Stretegic Patents Limited. Crystallisation process. Accepted on 9th March 1964.

Comprises adding the hot pregnant liquor at a controlled rate to small quantity of seed crystals of aluminium sulphate which have been pre-conditioned by ageing to provide good filtration characteristics and which are at a lower temperature.

83149. Scottish Agricultural Industries Limited. Manufacture of granular fertilisers. (14th July 1961). Accepted on 9th March 1964.

Comprises recirculating granules of said fertilizers in a continuous stream through two regions so that in the first region the granules are treated with phosphoric acid and then with ammonia.

83212. J. R. Geigy A.-G. Process for the production of bistriazinylamino-stilbene compounds their use for the optical brightening of natural or synthetic polyamide fibres. Accepted on 11th March 1964.

Reacting 4-4'diaminostilbene 2-2'-disulphonic acid or a salt thereof with double the equimolecular amount of both cyanuric chloride and a primary amine.

83233. Sperry Rand Corporation. Digital data processing equipment. Accepted on 11th March 1964.

Including a plurality of communication channels to connect a computer having a memory for storing signals, with external devices for the transmission of control signals and data signals.

83333. The Regents of the University of Minnesota. Light shield producing cosmetic materials. Accepted on 12th March 1964.

Comprises a dissolved mixture of a quinone and a carbonyl containing compounds, said quinone and carbonyl containing compound being in a mutual non-irritating solvent.

83617. Ledoga S.p.A. Process for the preparation of purified sucrose esters and products obtained thereby. Accepted on 12th March 1964.

Comprising evaporating the reaction solvent, dissolving the residue in a lower alkyl acetate of about 60-90°C, extracting the solution with water, separating aqueous phase containing the unreacted sucrose, cooling and extracting and separating the aqueous phase to effect isolation of the sugar ester fraction from the reaction product.

83758. Swiss Aluminium Ltd. Improvements relating to rolling mills and their operation. Accepted on 13th March 1964.

In the method of rolling ingots wherein the rolls are driven by D.C. electric motor, if the current fails the motor is driven in the opposite direction by current from a storage battery.

83812. Vsesojuzny Nauchno-Issledovatelsky Institut Novykh Stroitelnykh Materialov. A machine for cutting large-size building blocks and profiles out of massifs. Accepted on 13th March 1964.

Characterised in that the lower trolley is furnished with a running gear drive comprising an electric motor with a gear bore for driving the trolley rollers and a hydraulic drive for driving the saw carriage.

83884. Aktiebolaget Kanthal. Improvements in or relating to shaped bodies, particularly electric heating resistances. (28th August 1961). Accepted on 10th March 1964.

Shaped body for use as electric heating resistance consists mainly of molybdenum silicide and an oxide component the latter being compound of 1 to 100% by weight of silicon dioxide and if less than 100% silicon dioxide, of a balance of one or more oxides of the metals of the group consisting of Al, Be, Ca, Cr, Hf, Mg, Ti, Zr, Th, Y and Ce or other rare earth metals.

83901. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process for preparing new derivatives of benzthiazole, benzoxazole and benzimidazole. (3rd November 1961). Accepted on 11th March 1964.

An aqueous solution of the corresponding mercapto compound is added at a temperature below room temperature to an aqueous solution of cyanogen chloride or cyanogen bromide and the precipitated thiocyanates compound is separated from the solution.

83984. Mrs. Eileen Sen. Display installation board. Accepted on 3rd March 1964.

Comprising in combination a set of boards, each board having essentially formed at least on one of its sides one or more engagement openings, a set of removable connecting members the connecting members between one board and another or between the board and the rack depends on the angles at which the boards are assembled together relative to each other.

84031. Her Majesty the Queen in Right of Canada as represented by the Minister of Mines and Technical Surveys. Corosion, pitting and tarnish resistant stainless steel. Accepted on 6th March 1964.

Ferrous alloy consisting of carbon 0.03-0.8% chromium 11.5-35%, nickel when present up to 2.5% uranium 0.001-3.0% and balance iron.

84036. R. J. Gandhi, P. J. Gandhi, M. P. Shah, H. J. Shah and B. K. Shah. Manufacture of optical whitening agent. Accepted on 7th March 1964.

Comprises the steps of reacting cyanuric chloride with methanol, a diamino-stilbene disulphonic acid and aniline.

84058. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Improvements in and relating to apparatus for making α -aluminas. (30th April 1962). Accepted on 9th March 1964.

Comprising an alumina path through a pre-heater, a main heat exchanger and a heat recovery device.

84060. Union Carbide Corporation. Bicyclic and monocyclic carbamylloximes and pesticidal compositions containing the same. Accepted on 10th March 1964.

Contacting an oxime of formula $Z=N-OH$ with a dialkylcarbamyl chloride.

84069. H. Holloway. Shuttle-free weaving loom with insertion of weft thread by means of a gripper system. Accepted on 10th March 1964.

Arranging two driving endless bands or chains laterally to the loom, each chain or band being situated in a straight line in the direction of the weft between the points of deflection and rotating at uniform speed.

84070. National Lead Company. Novel lead-leadoxide compositions and apparatus and process for producing the same. (9th February 1962). Accepted on 9th March 1964.

Consists of a mixture of finely-divided particles of metallic lead and finely divided particles of litharge, the composition having an acid absorption of at least about 180.

84072. Shell Internationale Research Maatschappij N. V. Apparatus for the recovery of energy from the spent hot gases from the regenerator of a catalytic cracking unit. Accepted on 10th March 1964.

Characterized by a steam boiler, means for supplying extrafuel and air to the said boiler, conduit means for feeding the gas from the boiler to at least one gas turbine/compressor unit and means for feeding to the regenerator.

84094. C. A. V. Limited. Liquid fuel injection pumps for internal combustion engines. Accepted on 10th March 1964.
Wherein centrifugal means secured to distributor moves the plunger to restrict the flow path connecting the inlet and outlet of the pump.
84100. Sourendra Mohan Sinha. Improvements in or relating to electric plug and socket. Accepted on 10th March 1964.
An adapter disc made of an insulating material is embedded in the same at a place a little above and parallel to the base of the socket, the female and earthing terminals being formed by providing holes vertically to the said disc.
84107. Stothert & Pitt, Limited. Improvements in and relating to vibratory rollers and variable amplitude units therefor. (18th September 1961). Accepted on 10th March 1964.
Wherein the shaft is provided with a pair of counterbalancing eccentric weight capable of angular displacement on a transverse axis.
84109. S. S. D. Marco. Electrical insect exterminator. (21st September 1961). Accepted on 11th March 1964.
Includes spaced grid means in an electric circuit, the grid means preventing arcing under normal conditions, but arcing when bridged by a conductor like insect.
84128. Kins Developments Limited. Improvements in or relating to mounting means for rails. Accepted on 10th March 1964.
Comprising a clip, a rubber pad and clamping means for clamping the clip to the support.
84135. British Visqueen Limited. Plastic bags. (26th September 1961). Accepted on 13th March 1964.
Characterized in that the walls of the bag are joined together at or towards their edges except in the region where they are separated by the sleeve, in which region each wall is joined to the adjacent wall of the sleeve by a seam which is continuous to a seam between the two walls of the bag.
84166. United Engineering and Foundry Company. Rolling mills. (21st December 1961). Accepted on 9th March 1964.
Pair of fixed spaced apart housings to alternatively receive two roll arrangements, windows in said housings, roll adjusting means mounted in said housing and bearing chock assemblies and a filler beam received in windows.
84168. Minnesota Mining and Manufacturing Company. Anti-tarnish composition for copper-containing surfaces. Accepted on 10th March 1964.
Comprises cleaning copper surface with a composition containing a non-abrasive copper cleaning ingredient and contacting said clean copper surfaces with a mercaptan.
84171. Babcock & Wilcox Limited. Improvements in or relating to welding machines. (20th September 1961). Accepted on 10th March 1964.
Nozzle support member is movable axially and radially in relation to the stub respectively by an axial actuating mechanism and a radial actuating mechanism and automatic and semi-automatic control means to vary the positioning of the nozzle as welding proceeds.
84175. Molins Machine Company Limited. Improvements in or relating to apparatus and method for collecting cigarettes. (22nd September 1961). Accepted on 10th March 1964.
Comprises the steps of filling the container row by row, the distance between the two is equal to cigarette diameter multiplied by $\sqrt{3}$.
84183. Pittsburgh Plate Glass Company. Method and apparatus for supporting a glass sheet. Accepted on 9th March 1964.
Comprises impinging upwardly flowing gases on the supported surface of the glass sheet.
84186. Pittsburgh Plate Glass Company. Method and apparatus for heating glass sheets. Accepted on 13th March 1964.
Comprises a furnace chamber with open-topped gas chambers having an exhaust zone, a gas manifold communicating with gas chamber and gas heating means.
84189. Pittsburgh Plate Glass Company. Method and apparatus for transferring heat between fluids and glass sheets. Accepted on 13th March 1964.
Comprises gas supply outlets and exhaust channels forming a matrix, gas supply means and means separating said outlets from said channels forming barriers having outer edges over which gas from said outlets flows to said channels.
84193. Ciba Limited. Process for producing level dyes on textiles with vat dyes. Accepted on 10th March 1964.
Performed in the presence of a linear additive copolymer made up of polymeric structural units of (1) 25-70 mol% of a 2-oxo-N-vinyl-heterocyclic compound which is saturated in the ring, (2) 30-35 mol% of acrylamide or methacrylamide and (3) 0-45 mol% of vinyl acetate.
84197. Schwarz Bio Research, Inc. Improvements in the preparation of 5' polyphosphate nucleotides. Accepted on 7th March 1964.
Comprises incubating a 5'-monophosphate nucleotide in a solution containing yeast plasma lysate, sugar and phosphate ions and recovering the phosphorylated nucleotide formed.
84218. Veeder-Root Incorporated. Quick-change variator. Accepted on 9th March 1964.
Comprising a plurality of drive gears, a take off gear, out put drive means and presettable means.
84219. (Mrs.) Beryl Alice Enid DePenning. A method for manufacturing cured tobacco from green tobacco leaves and apparatus therefor. Accepted on 11th March 1964.
The steps of randomly arranging a row of leaves aligned over a lath, arranging a second row in a like manner.
84255. W. & T. Avery Limited. Improvements relating to automatic weighing apparatus. (5th October 1961). Accepted on 11th March 1964.
Comprising weighing mechanism providing digital information as to the instantaneous weight of material in the hopper, means for supplying digital information of the difference between a given number and the required weight to be delivered to the hopper, an adding circuit for adding both the informations, and material feed control means.
84285. A Staempfli. A sea or lake mole or pier and a method of making the same. Accepted on 9th March 1964.
Comprising erecting on the ground at least one series of rigid elements, each element including a pair of jambs spaced apart at their lower ends, wrapping the tops of the elements of one row with an R-C capping.
84294. Merz and McLellan Services Limited. Polyphase switchgear system. (25th September 1961). Accepted on 9th March 1964.
Switchgear sets of the same phase of different circuits are located in the same phase layer while those of different phases of the same circuit are located in different phase layers.

84298. Stamicarbon N. V. Process for the preparation of acetic acid by catalytic oxidation of propylene. Accepted on 10th March 1964.
Characterized in that the catalysts contain mixtures and/or compounds of molybdenum oxides with iron oxides and/or titanium oxides.
84324. Deering Milliken Research Corporation. A process for the production of cellulosic materials having improved configurational memory and the cellulosic material thus produced. Accepted on 11th March 1964.
Reacting at 100°C with cross linking agent, and cellulosic material having 1-15% of total moisture and 0.25 to (4R+2)% strong base, R being base consuming reactive groups of cross linking agent.
84325. Deering Milliken Research Corporation. A process for cross-linking the free hydroxy groups of a cellulosic fabric by means of a print roll technique for the application of strong caustic catalyst to the fabric to catalyze said cross-linking. Accepted on 11th March 1964.
Applying aqueous solution of strong base catalyst to fabric, under pressure from print-roll, containing less than 35% total moisture during cross linking reaction.
84340. Sperry Rand Corporation. Control circuit for actuating and deactuating at high speed an electro-mechanical device. Accepted on 9th March 1964.
Characterized by at least a power source, a control circuit branch and signal input means associated with the control circuit branch.
84353. Stamicarbon N. V. Process for the preparation of epoxycarboxylic acids. Accepted on 11th March 1964.
Comprises bringing the epoxyaldehyde into contact with oxygen in the presence of a silver catalyst.
84436. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to fixing and adjusting devices for recording and/or reproducing heads. Accepted on 11th March 1964.
For fixing and adjusting the head, a plate is provided having a cylindrical bore in which said head is fixed.
84437. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to recording and/or reproduction apparatus including an arrangement for taking a tap-shaped record carrier out of a magazine. Accepted on 11th March 1964.
The active part of the catch in the slide in its operating position is arranged parallel to the plane of the pipe.
84446. Siemens & Halske Aktiengesellschaft. Improvements in or relating to mounting for surge voltage arresters. (31st August 1962). Accepted on 12th March 1964.
The mounting is characterized by a layer-wise grouping of identical insulating pieces between which likewise identical leaf-springs having a tongue shaped contact part are inserted.
84477. Shell Internationale Research Maatschappij N. V. Process and apparatus for the separation of water and impurities from steam. Accepted on 9th March 1964.
Steam being supplied to a centrifugal separator through a tangential inlet and passed through a liquid screen of purified water in which the impurities and some of the water are caught and then the steam being led through a cyclone provided in the separator above the said screen.
84479. Canada Iron Foundries Limited. Mounting means for infrared transmitters and receivers in a railroad track surveying device. Accepted on 9th March 1964.
Wherein a linkage means between the transmitted means and the receiver means, is adapted to maintain the transmitter means and the receiver means in substantial alignment with respect to each other.
84480. Stora Kopparbergs Bergslags Aktiebolag. Process for producing pig iron in rotary furnace. Accepted on 9th March 1964.
Establishing in a furnace, a body of slag of a temperature not exceeding 1450°C, rotating the furnace so as to impart a tumbling motion, supplying comminuted iron oxide material and comminuted carbonaceous material to the top of the body in proportion so as to form a pig iron containing at least 3% carbon and on top of the body a reduction layer of strongly reducing potential.
84508. Wisconsin Alumni Research Foundation. Rodenticide compositions and rodenticide food baits. Accepted on 11th March 1964.
Comprises a 4-hydroxycoumarin and/or an indandione anticoagulant rodenticide and an antibacterial agent.
84534. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of soldering grid wires, in particular to frames of frame grids of electric discharge tubes. Accepted on 9th March 1964.
The frames provided with grid wire are pre-fired at 300 to 400°C for a short time in a neutral or oxidizing atmosphere.
84570. Shell Internationale Research Maatschappij N. V. Water-in-oil emulsion lubricant and hydraulic fluid. Accepted on 12th March 1964.
Comprising 20 to 45% by weight of a water phase which contains 0.01 to 2% by weight of a water-soluble polymeric compound and 80 to 55% by weight of an oil phase being a mineral oil having a viscosity index of at least 50 and contains a monoester of a fatty acid and an alkyl phenoxy polyoxyalkylene alkanol.
84589. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to machines for inserting electrical component parts into apertures of a mounting plate. Accepted on 9th March 1964.
Comprising a gripping member including two relatively pivotal jaws each of them provided with a supporting surfaces.
84592. Balsara & Co. Private Limited. Improvements in or relating to closures for liquid soap dispensers or like containers. Accepted on 13th March 1964.
Comprises of a metal closure with a plastic closure inserted and press fitted into the metal closure.
84641. Stamicarbon N. V. Crystallization of biuret from biuret-containing aqueous solutions saturated with urea. Accepted on 11th March 1964.
The solution is first diluted and cooled to such a degree that a suspension of urea crystals and crystals of a double salt of urea and biuret is formed, diluted to dissolve urea and the remaining biuret crystals are separated.
84642. Stamicarbon N. V. Crystallization of urea. Accepted on 11th March 1964.
Comprises continuously introducing the biuret containing urea solution into a crystallizer, crystallizing urea from said solution in said crystallizer and withdrawing from the crystallizer a suspension of urea crystals.
84645. Imperial Chemical Industries Limited. Barrier materials in the manufacture of blasting explosives containing ethylene glycol dinitrate. (20th October 1961). Accepted on 11th March 1964.
Using polypropylene in sheet form as barrier material against the migration of ethylene glycol dinitrate.

84655. Shell Internationale Research Maatschappij N. V. Method and apparatus for reducing the salt and oxide content of steam generated in a high-pressure steam unit. (20th October 1961). Accepted on 12th March 1964.

Purified water being brought together with the steam in the streamline of the high-pressure steam generating unit and the mixture being given a sufficient velocity to form a mist-annular two-phase flow which is maintained in the line over a distance equal to at least twenty times the diameter.

84702. Farranti Limited. Comparator gauges. (25th October 1961). Accepted on 9th March 1964.

Includes in supporting frame work a tension rod a probe arm secured at one end, and an electrical pick off system.

84716. Celanese Corporation of America. Moldable oxy-methylene polymers and method of preparing the same. Accepted on 10th March 1964.

Copolymerizing trioxane with polyepoxide.

84739. Stamicarbon N. V. Process for the preparation of methacrolein by catalytic oxidation of isobutene. [Addition to No. 81058]. Accepted on 12th March 1964.

Wherein isobutene is a part of mixture of hydrocarbons used in parent process.

84742. Bombay Chemicals Private Limited. Improvements relating to the manufacture of terpene alcohols from Indian Oil of turpentine or its constituent terpenes. Accepted on 12th March 1964.

Comprising wet hydrochlorination of Indian turpentine oil followed by hydroxylation with aqueous alkali.

84750. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for use in colour-television receivers. Accepted on 10th March 1964.

Characterized in that the index signal, before being applied to the phase-compensating loop, first passes through at least one frequency multiplier stage multiplying the frequency f_1 by a factor m ($m=2, 3, 4, \dots$) and that division stage divides the signal of the frequency $m \cdot f_1$ by a factor n , the relationship between factors n , and m being given by $m(1-\frac{1}{n})=K$.

84760. Borg-Warner Corporation. Static motor control for synchronous electrical motor. Accepted on 12th March 1964.

The motor comprises a pair of coils wound in opposition for each phase of the motor and includes static control means for sequentially completing a connection from input means to each of said coils so that only one of said pair of coils is energized at any given time.

84837. The British Aluminium Company Limited. Improvements in or relating to articles of furniture. (31st October 1961). Accepted on 7th March 1964.

Comprising a supporting frame of tubular elements joined one to the other by a plug having at least two arms.

84862. Dufaylite Developments Limited. Improvements in or relating to the method for the conversion of a slice of honeycomb material to the stably expanded state and stably expanded slices so obtained. (2nd November 1961). Accepted on 9th March 1964.

Comprises pulling out the slice to the open cellular state, allowing it to contract in the direction of pulling between straining members and thereby expand across direction until it grips the restraining members and is restrained thereby against further contraction and simultaneously with or subsequent to the contraction.

84959. Fisher Governor Company. Cylinder valve unit for fluids. Accepted on 11th March 1964.

Comprising a body having means connecting it to a pressurised fluid cylinder and a pressure regulator, said body having a minor bore and major bore forming at their intersection a valve seat, a housing supported in an opening in the side wall of the body, a discharge valve for engaging the valve seat and a safety relief valve means within the housing.

84960. Western Electric Company, Incorporated. Electric control circuits employing controlled semiconductor rectifying devices. (14th June 1962). Accepted on 12th March 1964.

Comprising a controlled semiconductor rectifying device connected between an input and an output terminal of the circuit, the control electrode of the said rectifying device being connected through an impedance device to a circuit control terminal, and means for biasing the impedance device.

84961. Western Electric Company, Incorporated. Improvements in or relating to electric circuit control systems employing semi-conductor devices. (14th June 1962). Accepted on 12th March 1964.

Comprising a semiconductor circuit interrupting device connected between the source and the load, an impedance means connected to control the circuit interrupting device and means for applying a reference potential to the impedance and means for also impressing on the impedance in series with the reference potential at least a part of the potential appearing across the load.

84997. Stein & Roubaix. Improvement of furnaces for heating metals to high-temperatures without oxidation. Accepted on 13th March 1964.

Furnace comprising a first chamber where incomplete combustion takes place, a second combustion chamber connected to first chamber and where combustion products from first chamber are subjected to an after burning heat exchanger connected to the second combustion chamber.

85020. Luwa AG. Apparatus for the thin-film treatment of liquids. Accepted on 9th March 1964.

Characterized in that for maintaining a uniform predetermined film thickness with stripping off of the excess liquid from the film, the blade-like elements are formed by oscillatable blades, the pivot axes of which are spaced from the chamber wall by a distance which is at least equal to the distance between the pivot axes and the free edges of the blades.

85036. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to method and devices for separating out, in the solid state, constituents of a gas mixture by cooling. Accepted on 9th March 1964.

Characterised in that per unit time a quantity of liquid is fed to the ducts which exceeds the quantity of liquid evaporating in the ducts owing to the supply of heat per unit time and in that the difference between these two quantities is withdrawn from the ducts and provisions are made that different quantity is so great that in the state of equilibrium the concentrations of the explosive impurities dissolved in the liquid remain below the permissible limit.

85042. E. L. Martin. Improvement in or relating to injectors for feeding water to boilers. Accepted on 12th March 1964.

Injector made of prefabricator component parts, i.e. hollow shell portions and internally screw threaded flanges which are welded together.

85062. Union Carbide Corporation. Improvements in or relating to seal gasket for galvanic cells. [Addition to No. 75233]. Accepted on 12th March 1964.

Comprises a yieldable metallic washer extending over the major portion of the membrane.

85075. Ciba Limited. Process for dyeing polyester fibers, dye-stuff preparations, and process for its manufacture. Accepted on 11th March 1964.

Dyeing polyester fibers by a dispersion dyeing method with azo dyestuffs.

85293. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to glass cathode-ray tubes provided with an envelope. Accepted on 12th March 1964.

Characterized in that at least the annular part which serves as a frame consists of a hard insulating material, which may be armoured, if desired, whilst the filler is a solidified castable or mouldable non-elastic hard coherent mass.

85300. Gaz De France. Improvements in or relating to methods of constructing gas cells or the like, gas cell elements and battery systems obtained therefrom. (13th November 1962). Accepted on 13th March 1964.

Constructing an electro-chemical generator forming a gaseous-fuel cell with an electrolyte consisting of a molten salt and a combustive agent like oxygen and air, characterised in that the vertical creep at least in one direction of the electrolyte between the side walls of the containing vessel is prevented by cooling and keeping locally at a temperature lower than its melting point.

85308. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to method of separating into pieces thin water-shaped plates of brittle material. (28th November 1961). Accepted on 9th March 1964.

Characterized in that while the plate is placed between two initially separated surfaces of which the surface facing the side of the plate having the score lines is concave and the other surface is convex, a bending moment is exerted by moving surfaces towards each other.

85322. Sperry Rand Corporation. Pin box. Accepted on 11th March 1964.

Settable pins are kept in one or the other of two possible positions by resilient means.

85347. Indian Telephone Industries Limited. Thermoplastic electric capacitors. Accepted on 12th March 1964.

A pair of solder coated connecting wires having a flattened end portion which spot welded or soldered to the two electrode-foils respectively, project one from each end or both from the same end of the body of the capacitor.

85365. Thermo King Corporation. Improvements in or relating to refrigeration apparatus. Accepted on 9th March 1964.

The conduit is also connected through a branch conduit to the inlet of said receiver.

85392. Associated Electrical Industries Limited. Improvements relating to dynamo-electric machines. (1st December 1961). Accepted on 7th March 1964.

The rotor having a winding comprising plurality of coils, each coil comprising two coil sides in respective slots spaced apart, each coil side comprising a plurality of conductors having longitudinal passages for coolant.

85462. AMP Incorporated. Electrical connection to the shield of a shielded conductor. (22nd December 1961). Accepted on 12th March 1964.

The ferrule is formed with perforations each surrounded internally of the ferrule with lance means keying into the shield without penetrating the layer of insulation.

85507. FMC Corporation. Gate valve. Accepted on 12th March 1964.

Characterised by a valve body having a flow-passage and a chamber, a gate within the chamber, a stem secured to the gate, stuffing bore sealing against said stem and means for moving the stem.

85601. Birfield Engineering Limited. Improvements in or relating to universal joints. (12th December 1961). Accepted on 9th March 1964.

Inner and outer members coupled by an intermediate member or members engaging corresponding grooves in the inner and outer members, and a control member engaging intermediate member or members and a guide member passing through and engaging the control member.

85636. The Distillers Company Limited. Improvements in or relating to surface coating compositions and formulations. (2nd January 1962). Accepted on 11th March 1964.

Comprises reacting a compound functioning as an unsaturated oil with a compound having an available acyclic, olefinic carboxylic acid residue and reacting the product with formaldehyde and then dissolving the product in an aqueous solution of a base.

85637. Hovercraft Development Limited. Improvements in load lifting devices. (9th January 1962). Accepted on 9th March 1964.

Comprising a gas-retaining envelope, means for attaching the load to a part of said envelope, means for introducing gas into the envelope.

85764. Allied Chemical Corporation. Process for producing melamine-urea-formaldehyde concentrates and products obtained thereby. Accepted on 13th March 1964.

Incorporating with aqueous formaldehyde solution at a temperature below 80°C, melamine and urea, adjusting the pH to within the range 4.5.-6.0, heating the mixture to a temperature of 60°—80°C and distilling water from mixture.

85916. Elettronica Metal Lux S.p.A. Improvements in or relating to flat electrical circuit elements and methods of manufacturing the same. Accepted on 12th March 1964.

The connections of the element are formed by solderable, metal strips (connecting strips), lying flat on and sticking to an electrically active layer adhering to a supporting surface.

85949. Standard Telephones and Cables Limited. Transistor switching circuit. (19th February 1962). Accepted on 11th March 1964.

Includes at least two transistors, an input circuit, an output circuit and sources of biasing potentials.

85969. Dr. Beck & Co. G.m.b.H. Improvements in or relating to lacquers. Accepted on 10th March 1964.

Comprising oil or fatty acid modified polyhydroxy compound, at least one mol of a diisocyanate per mol of polyhydroxy compound and as a monofunctional isocyanate blocking medium a compound containing an enolisable keto group.

86014. Westinghouse Electric Corporation. Ultrasonic generator. Accepted on 10th March 1964.

Comprising a vibrator resonant in a flexural mode with a plurality of nodal diameter, mounting means for supporting vibrator, means for applying energy to vibrator thereby to set vibrator into vibration, and connecting means providing an undamped connection between the vibrator and the mounting means.

86142. Ciba Limited. 1 : 2 : 3 : 4-tetrachloro-9-anthrone and process for its manufacture. Accepted on 13th March 1964.

Heating diels-alders adduct of 2: 5-dialkoxy-1 : 2 : 3 : 4-tetrachlorocyclopentadiene and 1 : 4-naphthoquinone with agent to split off ether.

86174. Shell Internationale Research Maatschappij N. V. Wellhead assembly. Accepted on 12th March 1964.

At least one operator for actuating components mounted on the assembly, which operator being both electrically and hydraulically operable.

86370. Koyo Seiko Company Limited. Grease sealed ball and roller bearings and device therefor. Accepted on 11th March 1964.

Rigid plate ring as the centre core, covered or amalgamated with rubber or plastic member and having a hook shaped projection toward the outer race to fit the stop groove in proximity to the inner cylindrical surface of the outer race.

86392. General Railway Signal Company. Improvements in or relating to railway control systems. Accepted on 10th March 1964.

Comprising means for detecting the arrival of a car at location, means responsive to detecting means for stopping the train of cars, timing means for timing predetermined period in relation to the arrival of each car at location, and means responsive to timing means for starting train of cars in motion.

86441. C. A. V. Limited. Engine starting mechanism. (19th February 1962). Accepted on 10th March 1964.

The solenoid winding being connected across a part of the circuit in which the current flow is inversely proportional to the speed of the motor and the starter switch being held closed after the engine has started and the speed of the motor exceeding a predetermined value the resilient means will overcome the action of the solenoid winding.

86447. Dr. Beck & Co. G.m.b.H. Improvements in or relating to methods of hardening synthetic resin compositions. Accepted on 9th March 1964.

Wherein the hardening is carried out in the presence of one plasticiser consisting of a dimerised, trimerised, or higher polymerised fatty alcohol.

86448. Dr. Beck & Co. G.m.b.H. Improvements in or relating to methods of hardening epoxy resins. Accepted on 9th March 1964.

By allowing a mixture of the epoxy resin and an acid anhydride or polyamine hardener to harden at room or elevated temperature wherein the hardening is carried out in the presence of an accelerator consisting of one fatty alcohol and one primary hydroxyl group.

86460. H. B. Angott. Pneumatic conveyor apparatus having a pressure container for pulverulent or granular material. Accepted on 10th March 1964.

Comprising an elastic lining, a conveying pipe at the lower end of the container, compressed air supply for feeding air into space between the lining and the inner wall of the container.

86524. The British Iron and Steel Research Association. Improvements in or relating to the heat treatment of elongate metal material. Accepted on 9th March 1964.

Comprising means for heating material to a temperature at which the material is substantially austenitic and a liquid bath for rapidly quenching the austenitic material.

86589. Rodi & Wienenberger Aktiengesellschaft. Extensible link strap. Accepted on 10th March 1964.

Sheet metal blank for each link casing of at least one layer is provided with at least one tongue extending transversely to the direction of expansion of the completed strap.

86673. Imperial Chemical Industries Limited. Polyacetal stabilisation process. (2nd March 1962). Accepted on 9th March 1964.

Treating a crystalline polymer of aldehyde with anhydride of a carboxylic acid in presence of an organic base, isolating and subjecting to heat treatment at a temperature of at least 100°C.

86701. The British Petroleum Company Limited. Improvements in or relating to catalysts and to reactors containing said catalysts. (2nd March 1962). Accepted on 10th March 1964.

Treating elemental nickel with a free oxygen containing gas at below 250°C and thereafter with sulphur compound.

86885. R. K. Tiwari. Improvements in or relating to devices for enhancing the beauty of fountains and like garden decorations. Accepted on 11th March 1964.

Comprises a jet point for producing a jet of water travelling along a parabolic path and a side aperture through which water may escape to circulate along a horizontal path.

87033. Knapsack-Griesheim Aktiengesellschaft. Ferrosilicon as a deoxidizing, inoculating and/or alloying agent. Accepted on 9th March 1964.

A ferro-silicon additive consisting of granulated ferro-silicon particles having smooth and rounded off globular surface area hardened by chilling for use as a deoxidising, inoculating and/or alloying agent.

87068. Morgardshammar Mek. Verkstads Aktiebolag. Improvements in a rolling method and a rolling mill for carrying out the method. Accepted on 13th March 1964.

Roll mounting is elevated and lowered respectively between each passage of the material dry employing fixed roller beds or roller tables outside the roll pair.

87410. Ciba Limited. Improvements in and relating to photosensitive materials. Accepted on 13th March 1964.

Comprises a hydrophobic transparent carrying layer, which has on one side one or more layers suitable for production of optically clear image and is provided on other side with a metal foil adhesively united with carrying layer, the metal foil having on the side facing away from the carrying layer a protective coating that is stable towards photographic treatment baths.

87455. Beconit (G.B.) Limited. Improvements relating to props for use in mining. Accepted on 13th March 1964.

In a pit prop, wedge mechanism is contained in a housing on the outer prop section formed without the use of high grade spring steel and comprises pads engaging opposite side faces of the inner prop section and a wedge element arranged so as to enable pressure to be established between the pads and the side faces of the inner prop section.

87516. Inland Steel Company. Improvements in or relating to the manufacture of steel. Accepted on 9th March 1964.

Machinability improving element like tellurium and selenium is disposed adjacent the bottom part of receptacle before the stream of molten steel is introduced and at a location spaced away from the position of impact of the stream of steel on the bottom part of the receptacle.

88021. Imperial Chemical Industries Limited. Shaped articles of polyacetals. (24th May 1962). Accepted on 13th March 1964.

Incorporating in polyacetal a metal containing polymeric substance in which the metallic element is combined as an integral part of the structure of the polymeric substance.

89059. Vereinigte Ultramarinfabriken Aktiengesellschaft Vormals, Leverkus, Zeltner & Consorten. Method for preparing an inorganic yellow pigment. Accepted on 9th March 1964.

Heating kaolin with at least one compound containing the group SCN or SeCN and selected from the class consisting of thiourea, ammonium rhodanide, alkali metal rhodanides alkaline earth metal rhodanides magnesium rhodanide and corresponding selenium compounds for 3—7 hours at 180—210°C.

91782. B. S. Olsson. Improvements in and relating to servomotor. [Divisional date 7th November 1962]. Accepted on 12th March 1964.

Each valve plate is provided with a shoulder adapted to sealingly slide into the flow opening of the belonging valve and an annular space being formed around said opening inside the respective seat.

91817. The English Electric Company Limited. Transistor switching circuits. (20th June 1961). Accepted on 12th March 1964.

Includes biasing means for offsetting the voltage drop across the base-emitter junction of the first transistor of one conductivity type connected for electrical energisation in the common-emitter configuration wherein the said transistor is capable of being switched by an input signal.

Opposition Proceedings

An opposition has been entered by Union Carbide Corporation to the grant of a patent on application No. 81958 made by Shell Internationale Research Maatschappij N. V.

Patents Sealed

72960, 78136, 78330, 78332, 78348, 78386, 78392.
 78528, 78557, 78631, 78683, 78825, 79011, 79063.
 79243, 79250, 79318, 79349, 79417, 79454, 79476.
 79484, 79491, 79519, 79524, 79551, 79576, 79584.
 79606, 79610, 79634, 79639, 79642, 79648, 79652.
 79657, 79681, 79688, 79694, 79727, 79728, 79739.
 79755, 79760, 79764, 79787, 79789, 79790, 79807.
 79831, 79836, 79868, 79880, 79885, 79898, 79954.
 79974, 79980, 80026, 80066, 80067, 80166, 80213.
 80223, 80225, 80226, 80290, 80339, 80386, 80394.
 80412, 80438, 80529, 80541, 80618, 80647, 80666.
 80672, 80700, 80714, 80867, 80870, 80871, 80872.
 80879, 80903, 81047, 81165, 81213, 81291, 81329.
 81342, 81364, 81526, 81530, 81581, 81814, 81888.
 82212, 82215, 82307, 82432, 82707, 82708, 82716.
 83058, 83144, 83619, 83662, 85768, 87397, 87906.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Chidambar Parameswar Iyer, an Indian citizen, 4/447, Dilip Villa, Sion Road, Matunga, Bombay-19, Maharashtra, India seeks leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 76947. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Chidambar Parameswar Iyer, an Indian citizen, 4/447, Dilip Villa, Sion Road, Matunga, Bombay-19, Maharashtra, India seeks leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of patent application No. 78991. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian

Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Paul S. Van Baarn, a citizen of the United States of America, of "Le Westmacott", 8, rue Bellevue, Monte-Carlo, (Principality of Monaco), seeks leave to amend the name, nationality and address of the applicant in the application, specification and drawings in respect of patent application No. 83044. Any person desirous of opposing the application for amendment should at any time within 3 months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents & Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that American Viscose Corporation, of 1617 Pennsylvania Boulevard, Philadelphia, Pennsylvania, United States of America, a Corporation organized and existing under the laws of the State of Delaware, one of the United States of America, seek leave to amend the application and specification in respect of Patent application No. 83094. Any person desirous of opposing the application for amendment should at any time within 3 months from the date of this Gazette, give notice of his intention to do so on the prescribed Form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(5)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that carding Specialists (Canada) Limited, of 318 Lytton Boulevard, Toronto 12, Ontario, Canada, a Canadian Company, seek leave to amend the specification in respect of patent application No. 83351. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(6)

The amendments proposed by Shell Internationale Research Maatschappij in respect of Patent application No. 72774 as advertised in the Gazette of India, Part III, Section 2, dated the 6th April 1963, have been allowed.

Registration of Assignments, Licences, etc. (Patent)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

52436	Novo Terapeutisk Laboratorium A/S.
61139	
61797	
63452	
64528	
65485	
66127	
74284	Societe Anonyme Pour L'Exploitation Des Procedes Chimiques Et Physiques.
74413	
74713	
74732	
74965	
63480	Eli Lilly and Company.
68099	

64464—Martin-Marietta Corporation.
 65742—Phillips Petroleum Company.
 72605—Gordon Noel Miller.
 74715—National Steel Corporation.
 75036—Veb Farbenfabrik Wolfen.
 75747—President of India.
 75829—Massey-Ferguson Services N. V.
 76792—Novogrip Limited.
 76955—FMC Corporation.

Renewal Fees Paid

41128. 42866. 42957. 42998. 42999. 43053. 43067.
 43424. 44788. 44811. 44905. 44906. 44944. 45016.
 45099. 45272. 46357. 46874. 47009. 47167. 47297.
 47505. 47931. 48462. 49165. 49323. 49385. 49388.
 49400. 49457. 49482. 49589. 49609. 49661. 49662.
 51563. 51583. 51589. 51594. 51604. 51684. 51758.
 51767. 51769. 51903. 51973. 52110. 52126. 52137.
 52167. 52246. 52680. 53782. 53914. 53988. 53989.
 54070. 54074. 54204. 54232. 54242. 54263. 54274.
 54275. 54276. 54301. 54302. 54303. 54500. 54510.
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 56803. 56939. 56977. 56980. 56986. 56989. 56995.
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 64130. 64180. 64205. 64236. 64352. 64354. 66145.
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 67314. 67321. 67330. 67336. 67339. 67368. 67398.
 67406. 67462. 67473. 67474. 67475. 67484. 67488.
 67491. 67506. 67574. 67601. 67670. 67844. 67845.
 67947. 67968. 68059. 68149. 68594. 68700. 68859.
 69420. 69964. 70092. 70215. 70990. 71008. 71023.
 71044. 71045. 71061. 71088. 71107. 71131. 71158.
 71161. 71169. 71178. 71197. 71260. 71289. 71331.
 71380. 71384. 71409. 71443. 71454. 71457. 71496.
 71525. 71541. 71555. 71574. 71630. 71685. 71717.
 71836. 71848. 71933. 71979. 72111. 72136. 72195.
 72196. 72259. 72260. 72277. 72278. 72325. 72405.
 72454. 72466. 72523. 73001. 73041. 73896. 75589.
 75620. 76026. 76027. 76069. 76123. 76139. 76162.
 76295. 76336. 77642. 77643. 77661. 78403.

Cessation of Patents

40511. 40523. 40524. 40531. 44095. 46188. 50619.
 50626. 50638. 53101. 53112. 53116. 53120. 53139.
 55778. 58850. 58855. 58871. 58895. 62252. 65740.
 65764. 65771. 65788. 65794. 65798. 65799. 65821.
 65823. 69546. 69549. 69550. 69560. 69561. 69564.
 69567. 69570. 69572. 69573. 69579. 69581. 69583.
 69584. 69585. 69587. 69596. 69597. 69599. 69514.
 69619. 69622. 69623. 69627. 69639. 69642. 69651.

Restoration Proceedings

An order has been made on the 7th March 1964 restoring the Patent No. 54074 dated as of the 19th March 1955 granted to Council of Scientific and Industrial Research for "Bitumastic jointing Composition".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 120117. Preston Electric Co. (India) Private Ltd., an Indian Company, 2, Madan Street, Calcutta-13, West Bengal, India, "A pneumatic holder-on for rivets", November 6, 1963.
- Class 1. No. 120273. Mefina S. A., 16, Chemin des Grenadiers, Fribourg, Switzerland, a corporation duly organized under the laws of Switzerland, "A free arm sewing machine", November 21, 1963.
- Class 1. No. 120274. Mefina S. A., 16, Chemin des Grenadiers, Fribourg, Switzerland, a corporation duly organized under the laws of Switzerland, "A flat bed sewing machine", November 21, 1963.
- Class 1. No. 120434. Sanghvi Non-Ferrous Metal Industries, 1343 Shivajinagar, Poona-5, State of Maharashtra, India, an Indian Partnership firm, "Canisters", December 6, 1963.
- Class 1. No. 120791. Bhag Singh and Autar Singh, Indian Nationals, 69, Najafgarh Road, New Delhi-15, "Lipstick container", January 21, 1964.
- Class 3. No. 120320. Bengal Rubber Mills, a Partnership firm registered under the Indian Partnership Act, 1932, Taj Ganj, Agra, Uttar Pradesh, "Shoe sole", November 28, 1963.
- Class 3. No. 120680. The Wilson Watch Company, an Indian Partnership Company, 144, Dr. Dadabhoi Nooroji Road, City of Bombay, State of Maharashtra, India, "Containers", January 2, 1964.
- Class 3. No. 120768. Champaklal Kishanlal Dave, an Indian Citizen, 197, Borabazar Street, Fort, Bombay-1, Maharashtra, India, "Indicator for shopping list", January 16, 1964.
- Class 3. No. 120769. Jaggy & Company, 12, Rampart Row, Fort, Bombay-1, Maharashtra State, India, an Indian Company, "An ice-cream spoon", January 16, 1964.
- Class 5. Nos. 119833 to 119835. Shet Durbar Agarbathi Factory, N. Madhava Rao Circle, Mysore, Indian concern, "Carton", October 10, 1963.
- Class 5. No. 119836. Ghansham Patel, Station Road, P.O. Ballia, Dist. Ballia, U.P., Indian subject, "Label", October 10, 1963.
- Class 5. No. 119837. Siddhnath Ramaprasad, P.O. Naya Chowk Buxar, Dist. Arrah, Shahabad, Bihar, Indian subject, "Label", October 10, 1963.
- Class 5. No. 119838. Mohamed Faruk, A13/175, Gharsi Tola, Varanasi, U.P., Indian subject, "Wrapper", October 10, 1963.
- Class 5. No. 120431. Madan Lal Narang, Sarin, Bhawan, New Agra, Agra, U.P., an Indian National, "Label", December 6, 1963.
- Class 5. Nos. 120508 and 120511. Raja Toys Co., (An Indian Partnership concern), 33, Deputy Gang, Sadar Bazar, Delhi, "Carton", December 17, 1963.
- Class 5. Nos. 120509 and 120510. Raja Toys Co., (An Indian Partnership concern), 33, Deputy Gang, Sadar Bazar, Delhi, "Label", December 17, 1963.
- Class 5. No. 120674. Associated Imports and Exports Private Limited, an Indian Private Limited Company duly incorporated under the Indian Companies Act, 1961, Rajendra Nath Mukherjee Road, Calcutta-1, West Bengal, "Carton", January 1, 1964.
- Class 5. No. 120771. Britwell Chemical Industries, an Indian Partnership Business, 138 Canning Street, Calcutta-1, West Bengal, "Cartons", January 16, 1964.
- Class 9. Nos. 120279 and 120280. Sovrin Knit Works, 18, Lawrence Road, Amritsar, a registered Indian firm, "Textile goods", November 26, 1963.

- Class 12. No. 120521. Maganlal Jethalal Thakkar, Delhi Chakla, Ahmedabad, Gujarat State, an Indian, "Label", December 18, 1963.
- Class 13. Nos. 120217 to 120226. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piece goods", November 14, 1963.
- Class 13. No. 120278. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", November 23, 1963.
- Class 13. Nos. 120281 and 120282. Sovrin Knit Works, 18, Lawrence Road, Amritsar, a registered Indian firm, "Textile goods", November 26, 1963.
- Class 13. Nos. 120463 to 120465. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", December 12, 1963.
- Class 13. Nos. 120814 to 120820. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Fort, Bombay-13, "Textile goods", January 24, 1964.
- Class 13. Nos. 120912 to 120924. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle

Road, Bombay-13, "Cotton piece goods", January 25, 1964.

- Class 13. Nos. 121009 to 121019. The Khatau Makani Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piece goods", February 6, 1964.

- Class 14. Nos. 120925 and 120926. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piece goods", January 25, 1964.

Registration of Assignments, Licences, etc. (Design)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

87104	}	Unilever Limited.
87358		
114031		(Mrs.) Jadavbai W/o Ratilal T. Suratwala, Jagdish Ratilal Suratwala, Venilal Ratilal Suratwala and Dhirajlal Ratilal Suratwala.

A. JOGARAO

Controller General of Patents, Designs
and Trade Marks